

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|---|---|------------------|---------|------------------|
| L1 | 162623 | (nucle\$3 adj magnet\$5 adj resonan\$3) or nmr | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/11 10:20 |
| L2 | 535 | (cpmg or (carr near2 purcell near2 gill)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/11 10:53 |
| L3 | 65095 | (de or (diffus\$3 adj edit\$3)) and 1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/11 10:10 |
| L4 | 480 | 1 and 2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/11 10:10 |
| L5 | 102731 | (wellhole or (well adj hole) or borehole or (bore adj hole) or downhole or (down adj hole)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/11 10:11 |
| L6 | 246 | 4 and 5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/11 10:11 |
| L7 | 432 | 3 and 5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/11 10:11 |
| L8 | 600 | 6 or 7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/11 10:12 |

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| L9 | 310 | spin and 8 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/11 10:12 |
| L10 | 1 | (mep or (maximum adj entropy adj principle)) and 9 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/11 10:42 |
| L11 | 844 | inver\$4 with 1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/11 10:17 |
| L12 | 93 | 9 and 11 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/11 10:17 |
| L13 | 30635 | (data or information or measure\$4) with 1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/11 10:21 |
| L14 | 93 | 12 and 13 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/11 11:02 |
| L15 | 1 | (mep or (maximum adj entropy adj principle)) and 9 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/11 10:42 |
| L16 | 1 | (mep or (maximum adj entropy adj principle)) same (inver\$4 adj1 (method or process or analysis)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/11 10:48 |

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| L17 | 262 | (mep or (maximum adj entropy adj principle)) same inver\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/11 10:49 |
| L18 | 44 | (mep or (maximum adj entropy adj principle)) with inver\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/11 11:23 |
| L19 | 2 | 1 and 18 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/11 10:50 |
| L20 | 2 | "5291137".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/11 10:53 |
| L21 | 1 | (independent\$2 with prior) and 14 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/11 11:03 |
| L22 | 87 | (mep or (maximum adj entropy)) with inver\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/11 11:17 |
| L23 | 6 | 1 and 22 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/11 11:19 |
| L24 | 15 | 5 and 22 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/11 11:22 |

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| L25 | 2 | "5210691".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/11 11:22 |
| L26 | 4112 | (mep or mem or (maximum adj entropy)) with inver\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/11 11:24 |
| L27 | 1 | 8 and 26 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/11 11:25 |
| L28 | 1 | 4 and 26 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/11 11:25 |

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|---|---|------------------|---------|------------------|
| L1 | 22315 | (mep or mem or (maximum adj entropy)) same (inver\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/11 12:46 |
| L2 | 102731 | (wellhole or (well adj hole) or borehole or (bore adj hole) or downhole or (down adj hole)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/11 12:26 |
| L3 | 170 | 1 and 2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/11 12:44 |
| L4 | 2851 | (nucle\$2 adj magnetic adj resonan\$2) same spin | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/11 12:30 |
| L5 | 3 | 3 and 4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/11 12:27 |
| L6 | 6285 | (nmr or (nucle\$2 adj magnetic adj resonan\$2)) same spin | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/11 12:38 |
| L7 | 3 | 3 and 6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/11 12:35 |
| L8 | 29 | independent and 3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/11 12:35 |

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| L9 | 29 | inver\$4 and 8 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/11 12:44 |
| L10 | 4634 | (nmr or (nucle\$2 adj magnetic adj resonan\$2)) with spin | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/11 12:38 |
| L11 | 14377 | (nmr or (nucle\$2 adj magnetic adj resonan\$2)) with (measure\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/11 12:39 |
| L12 | 3 | 3 and 10 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/11 12:39 |
| L13 | 3 | 3 and 11 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/11 12:39 |
| L14 | 3 | (cpmg or (carr near2 purcell near2 gill)) and 3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/11 12:50 |
| L15 | 440090 | (mep or mem or (maximum adj entropy)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/11 12:47 |
| L16 | 2928 | 2 and 15 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/11 12:47 |

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| L17 | 4 | (cpmg or (carr near2 purcell near2 gill)) and 16 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/11 12:49 |
| L18 | 226 | (independent with (prior or priori)) and 2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/11 12:49 |
| L19 | 2 | (cpmg or (carr near2 purcell near2 gill)) and 18 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/11 12:50 |